

Author Index

- Bailey, A.I. 191
Bambauer, R. 171
Barbucci, R. 81
Bashford, C.L. 119
Batts, G. 191
Bergström, K. 125, 159
Burns, N.L. 149, 159

Casolaro, M. 81
Challis, R.E. 65
Claesson, P. 109

Davidson, C.M. 1
de las Nieves, F.J. 199
de L. Costello, B.A. 55
Denyer, S.P. 225
Dickin, F.J. 9

Hall, G.S. 209
Harris, J.M. 149, 159
Hartley, P.G. 191
Hawksworth, S. 49
Higashitani, K. 101
Holah, J.T. 225
Holmberg, K. 91, 125, 149, 159
Holmes, A.K. 65
Horn, D. 29
Horne, D.S. 1

Inniger, R. 171

Kim, I.T. 55
Kito, T. 101

Kondo, A. 101
Korchev, Y.E. 119

Lacefield, W.R. 141
Lev, A.A. 119
Lindman, B. 91
Lucas, L.C. 141
Luckham, P.F. 55, 179, 191

Malchesky, P.S. 209
Malmsten, M. 91
McConaghy, C.J. 49
Mestres, P. 171

Ong, J.L. 141
Österberg, E. 159

Pasternak, C.A. 119
Peula, J.M. 199
Pirrung, K.J. 171

Quash, G. 125

Riggs, J.A. 149, 159
Rostovtseva, T.K. 119

Sayer, T.S.B. 39
Schuman, T.P. 159
Shah, D.O. 219

Shi, T.M. 9
Simons, S.J.R. 9
Singh, C.P. 219
Stewart, G.S.A.B. 225
Swart, R. 179

Tada, Y. 209
Tadros, Th.F. 55
Thomas, V. 125
Tiberg, F. 91

Van Alstine, J.M. 149, 159
Van Keuren, E.R. 29

Walker, A.J. 225
Wedlock, D.J. 49
Whitehead, R.Y. 141
Wiese, H. 29
Williams, D.J.A. 75
Williams, P.R. 75
Williams, R.A. 9
Williams, R.L. 75
Wood, J. 179

Yoshinaga, K. 101

Zborowski, M. 209

Subject Index

- Absorption, 65
Adsorption, 91, 149
Adsorption isotherms, 199
Antibodies, 125
Antigens, 125
Automation, 49
- Bacteria, 209
Block copolymer, 109
- Calcium phosphate coatings, 141
Coatings, 149, 159
Colloid, 65
Colloidal silica, 101
Concentrated dispersions, 1, 39, 49, 75
Concentrated latex dispersion, 29
Copolymers, 91
- Dark-field microscopy, 209
Dextran, 149
Diffusing-wave spectroscopy, 1, 29
Dispersion behaviour, 9
Dispersions, 55
Divalent cations, 119
- Electrical sensing, 9
Electro-osmosis, 149
Electroacoustic measurements, 39
Electrophoresis, 149
Ethyl(hydroxyethyl)cellulose, 91, 109
Extracorporeal detoxification methods, 171
- Fatty acid, 219
Flocculation, 65
Fourier transform infrared spectroscopy, 141
- Glass surface, 209
Glycerol, 219
Glycolipid bilayers, 179
- Heparin surfaces, 191
Hydrophilized and functionalized microtiter plates, 125
Hydroxyapatite, 141
- Immunolatex, 101
Interaction forces, 55
- Interactions, 179
Intermolecular forces, 109
Ion-beam sputter deposition, 141
- Large-bore catheters, 171
Lipozyme, 219
- Magnetic deposition, 209
Microemulsion, 219
Modulation, 119
Monodispersed composite, 101
Monolayer, 219
Monomeric bovine serum albumin, 199
- Non-specific interactions, 191
- Osmotic pressure, 55
- Particle sizing, 1
Pigment, 39
Plasma spraying, 141
Plurionics, 91
Polyelectrolyte grafted membranes, 81
Poly-L-lysine surfaces, 191
Poly(ethylene glycol), 149, 159
Poly(ethylene glycol) spacer, 101
Poly(ethylene oxide), 109
Polymers, 55, 149
Polysaccharide, 149, 159
Polystyrene surfaces, 159
Protein, 149
Protein adsorption, 109, 159
Protein immobilization, 101
Protein repellency, 109
Protonation, 81
Protons, 119
- Rheological spectroscopy, 75
- Scanning electron microscopy, 171
Scattering, 65
Sedimentation, 9
Single-mode fibers, 29
Site-specific coupling, 125
Solute permeability, 81
Solvency, 91

Spectrometry, 65
Steric stabilization, 91
Sulfonated polystyrene model colloids, 199
Surface charge density, 199
Surface flow, 119
Surface forces, 91, 109
Surface modification, 91, 101, 109
Synthetic membranes, 119

Thermodynamics, 81

Ultrasonic velocity, 65

Ultrasound velocity scanning, 49

Virtual gap rheometer, 75

X-ray diffraction, 141